

Application No.: 10/614,518
Amendment Dated: August 12, 2003

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS

Claims 1-8. (Canceled)

Claim 9 (New): A method for producing a functional film, comprising:

forming a functional film on a support; and

transferring the functional film to another support;

wherein said functional film comprises a compressed microparticulate-containing layer which comprises functional microparticulates;

wherein said compressed microparticulate-containing layer does not have cracks even when drawn 10%; and

wherein said compressed microparticulate-containing layer does not comprise a resin as a binder.

Claim 10 (New): The method according to claim 9, wherein said functional film before said transferring has a film strength as measured by a 90° peel test of at least 6 N/12 mm.

Claim 11 (New): The method according to claim 9, further comprising forming an adhesive layer on said functional film before said transferring of said functional film to another support.

Claim 12 (New): The method according to claim 9, wherein said other support to

which the functional film is transferred comprises a member selected from the group consisting of a glass, a resin, and a ceramic.

Claim 13 (New): The method according to claim 9, wherein said microparticulate-containing layer is formed by applying a coating liquid having functional microparticulates dispersed therein on the support, drying, and compressing the film.

Claim 14 (New) The method according to claim 9, wherein said microparticulate-containing layer is at least one selected from the group consisting of a conductive film, magnetic film, ferromagnetic film, dielectric film, ferroelectric film, electrochromic film, electroluminescent film, insulating film, light-absorbing film, selective light-absorbing film, reflective film, anti-reflection film, catalyst film and photocatalyst film.

Claim 15 (New) The method according to claim 9, wherein said microparticulates are conductive.

Claim 16 (New) The method according to claim 15, wherein said conductive microparticulates comprise at least one component selected from the group consisting of tin oxide, indium oxide, zinc oxide, cadmium oxide, antimony-doped tin oxide, fluorine-doped tin oxide, tin-doped indium oxide and aluminum-doped zinc oxide.

Claim 17 (New) The method according to claim 9, wherein said functional microparticulates have an average primary particle diameter of up to 10 μm .

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Claim 18 (New): A method for producing a functional film, comprising:
forming a functional film on a support; and
transferring the functional film to another support;
wherein said functional film comprises a compressed microparticulate-containing layer which comprises conductive microparticulates;
wherein said compressed microparticulate-containing layer exhibits a surface resistivity after being drawn 10% which is at most 10 times greater than the surface resistivity prior to drawing; and
wherein said compressed microparticulate-containing layer does not comprise a resin as a binder.

Claim 19 (New): The method according to claim 18, wherein said functional film before said transferring has a film strength as measured by a 90° peel test of at least 6 N/12 mm.

Claim 20 (New): The method according to claim 18, further comprising forming an adhesive layer on said functional film before said transferring of said functional film to another support.

Claim 21 (New): The method according to claim 18, wherein said other support to which the functional film is transferred comprises a member selected from the group consisting of a glass, a resin, and a ceramic.

Claim 22 (New): The method according to claim 18, wherein said microparticulate-containing layer is formed by applying a coating liquid having functional microparticulates dispersed therein on the support, drying, and compressing the film.

Claim 23 (New) The method according to claim 18, wherein said microparticulate-containing layer is at least one selected from the group consisting of a conductive film, magnetic film, ferromagnetic film, dielectric film, ferroelectric film, electrochromic film, electroluminescent film, insulating film, light-absorbing film, selective light-absorbing film, reflective film, anti-reflection film, catalyst film and photocatalyst film.

Claim 24 (New) The method according to claim 18, wherein said conductive microparticulates comprise at least one component selected from the group consisting of tin oxide, indium oxide, zinc oxide, cadmium oxide, antimony-doped tin oxide, fluorine-doped tin oxide, tin-doped indium oxide and aluminum-doped zinc oxide.

Claim 25 (New) The method according to claim 18, wherein said functional microparticulates have an average primary particle diameter of up to 10 μm .